4. The expandable layer of claim 3, wherein the annular channels run parallel to each other.

5. The expandable layer of claim 3, wherein the annular channels are placed equidistantly.

6. The expandable layer of claim 3, wherein the depressions are, at least partly, fashioned as channels for use with one of liquid media and a gaseous media.

7. The expandable layer of claim 3, wherein the expandable layer is made of an elastic material with gaseous filling.

8. The expandable layer of claim 7, wherein the elastic material is one of plastic foam and expanded polystyrene pellets.

9. The expandable layer of claim 7, wherein the elastic material is fitted with electrical conduction particles.

10. An expandable layer comprising compressible material, which is attached to a core cylinder before inserting into a sleeve,

wherein the expandable layer has separate recessed depressions on at least one of its outer circumferential surface and inner circumferential surface,

wherein the depressions are, at least partly, fashioned as open circumferential annular channels, and

wherein when the core cylinder and the expandable layer are inserted to the sleeve, at least some of the depressions and annular channels of the expandable layer are arranged to compensate for a bending of the sleeve, and at least a part of the recessed depressions provides channels between the expandable layer and the sleeve.

11. The expandable layer of claim 10, wherein the annular channels run parallel to each other.

12. The expandable layer of claim 10, wherein the depressions are, at least partly, fashioned as channels for use with one of a liquid media and a gaseous media.

13. The expandable layer of claim 10, wherein the expandable layer is made of an elastic material with gaseous filling.

14. The expandable layer of claim 13, wherein the elastic material is one of plastic foam and expanded polystyrene pellets.

15. The expandable layer of claim 13, wherein the elastic material is fitted with electrical conduction particles.

16. An expandable layer comprising compressible material, adapted to be fitted to a rotary printing form between a core cylinder and a sleeve,

wherein the expandable layer is attached to the core cylinder and has separate recessed depressions fitted on at least one of its outer circumferential surface and inner circumferential surface,

wherein when the core cylinder and the expandable layer are inserted into the sleeve, an initial section of the depressions stretches in an axial direction on the expandable layer, and

a subsequent section of the depressions stretches in a radial direction over the expandable layer, whereby a part of the material of the expandable layer can be displaced in the depressions and at least a part of the depressions provides channels between the expandable layer and the sleeve.

17. The expandable layer of claim 16, wherein the depressions of the subsequent section of depressions at least partly are fashioned as circumferential open annular channels running in a radial direction and which are arranged running parallel to each other.

18. The expandable layer of claim 16, wherein the depressions at least partly are fashioned as channels for use with one of liquid media and gaseous media.

19. The expandable layer of claim 16, wherein the expandable layer is made of an elastic material with gaseous filling.

20. The expandable layer of claim 19, wherein the elastic material is one of plastic foam and expanded polystyrene pellets.

21. The expandable layer of claim 19, wherein the elastic material is fitted with electrical conduction particles.

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